

Hippo

Load Handling System Water Tank Rack



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The Hippo is a mobile hardwall system used to perform bulk and retail water distribution in division and brigade applications. Consisting of a 2000-gallon water tank rack with pump, a filling stand, a 35-foot hose reel, and bulk suction and discharge hoses, it is fully functional whether mounted or dismounted and is mobile when it is full, partially full, or empty. Its compatibility with the Heavy Expanded Mobility Tactical Truck (HEMTT) Load Handling System (LHS), the Palletized Load System (PLS) and forklift permit quick deployment and recovery. It replaces the Semi-trailer Mounted Fabric Tank (SMFT).

System Includes

Basic Unit:

- LHS compatible rack
- 2000-gallon tank
- Integral pump

Operational Concept

- Provide the Army a mobile hardwall water tanker to perform bulk and retail water distribution.
- Lessen the need for special purpose trailers.
- Match water distribution capabilities with current heavy trailer vehicle mobility.



Contact Information

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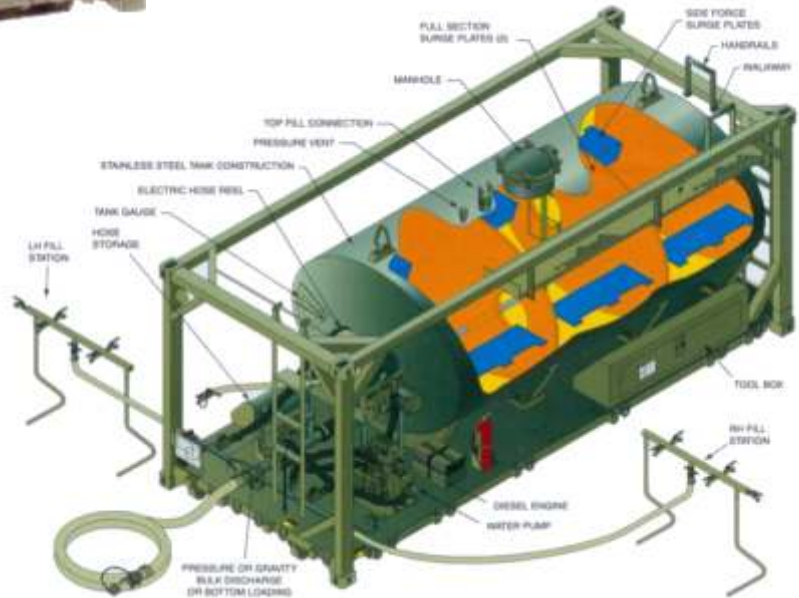


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PROGRAM STATUS: N/A



LIN	NSN	SSN	BOIP
N/A	N/A	R38100	N/A

Transportability

- HEMTT-LHS
- Palletized Loading System (PLS)
- External transport by helicopter
- C-130 or larger

Environmental Conditions

Storage	-50°F to 160°F
Operation	-25°F to 120°F

Performance

Flow rate.....	125 GPM load/discharge with on board pump
Gravity flow.....	90% or more of the tank volume
Maintainability.....	1 hr MTTR UMD 1.5 hr Max TTR 90% UMD
Bottom-load connections.....	2-inch and 4-inch
Bulk load/unload hose	35 ft retractable hose reel
NBC Survivability.....	HAEMP Decontaminable MOPP 4/cold weather gear

Dimensions

- **System Length x Width x Height** 20 L x 8 W x 8 H ft
(System to fit ISO Container)
- **System Weight** 26,000 lb